

# WEST Search History

DATE: Friday, August 29, 2003

09/957,424

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
		result set	
<i>side by side</i>			
	<i>DB=USPT,PGPB,JPAB,EPAB; THES=ASSIGNEE; PLUR=YES; OP=ADJ</i>		
L32	L30 and l2	9	L32
L31	L30 and l2	9	L31
L30	L29 and L1	10	L30
L29	L28 and l4	11	L29
L28	L27 not l13	16	L28
L27	4801437	17	L27
L26	L25 not (L13 or L17)	174	L26
L25	L24 and L19	196	L25
L24	l3 with l4	192494	L24
L23	L22 not (L13 or L17)	131	L23
L22	L21 and l19	142	L22
L21	l1 with l2	5892	L21
L20	L19 not (L13 or L17)	294	L20
L19	L12 and (422/\$.ccls. or 257/\$.ccls. or 438/\$.ccls.)	329	L19
L18	L17 not L13	43	L18
L17	L1 same L2 same L3 same L4 same L6	46	L17
L16	L15 and L11	332	L16
L15	(L1 same L2) and (L3 same L4 same L6)	370	L15
L14	(L1 same L2) and (L3 same L4) same L6	370	L14
L13	L12 and ((423/\$)!..CCLS.)	42	L13
L12	L9 and L11	1412	L12
L11	nitrogen or n?sub.2	541027	L11
L10	nitrogen n?sub.2	6129	L10
L9	L6 and L8	1591	L9
L8	(L1 same L2) and (L3 same L4)	2297	L8
L7	L5 and L6	12681	L7
L6	oxygen or o?sub.2	528155	L6
L5	L1 and L2 and L3 and L4	20990	L5
L4	water or h?sub.2 o	1757617	L4
L3	chamber or reactor or vessel	1332998	L3
L2	abat\$5 or reduc\$5 or destruct\$4 or destro\$4	3394526	L2
L1	silane or sih?sub.4	85753	L1

END OF SEARCH HISTORY

**Problem Analysis and Search Strategy Worksheet**

Case Number <u>09/957,424</u>	Filing Date- Assignee		
Applicants			
Related US and foreign applications/docs	Publications applicant cited		
US Classes and subclasses	International classification		
Concept A <i>Silane or SiH<sub>4</sub></i> <i>SiH<sub>4</sub></i>	Concept B <i>abatement</i> <i>reduction</i> <i>Destruction</i> <i>AND</i>	Concept C <i>Chamber</i> <i>Reactor</i> <i>Vessel</i> <i>AND</i>	Concept D <i>water</i> <i>O</i> <i>H<sub>2</sub>O</i> <i>ND</i>
Synonyms <i>Oxygen</i> <i>O<sub>2</sub></i>	Synonyms <i>use some or</i> <i>regenerator</i>	Synonyms	Synonyms
<pre> graph LR     A((A)) --- B((B))     B --- C((C))     C --- D((D))     A --- D     B --- D     C --- D   </pre>			
Databases <i>257/</i> <i>438/</i> <i>422/</i>			
Commands, syntax, search statements for each database			